AUDITING PROCEDURES REPORT

| Local Government Type: City Township Village Other Audit Date June 30, 2004 We have audited the financial statements of this local unit of government and with the Statements of the Governmental Accounting Standards Board (GA) | Date Accountant December 13, 2 | Count Wayn t Report Subm | ne |
|---|---|-------------------------------------|--|
| June 30, 2004 October 8, 2004 We have audited the financial statements of this local unit of government and with the Statements of the Governmental Accounting Standards Board (GA) | | | |
| June 30, 2004 October 8, 2004 We have audited the financial statements of this local unit of government and with the Statements of the Governmental Accounting Standards Board (GA) | | | uffed To State: |
| We have audited the financial statements of this local unit of government and with the Statements of the Governmental Accounting Standards Board (GA | [Docorribor 10, 2 | 004 | |
| Counties and Local Units of Government in Michigan by the Michigan Depar | ASB) and the <i>Uniform Reportin</i> | | |
| Ne affirm that: 1. We have complied with the Bulletin for the Audits of Local Units of Gove 2. We are certified public accountants registered to practice in Michigan. | ernment in Michigan as revised | | |
| We further affirm the following. "Yes" responses have been disclosed in the and recommendations. | financial statements, including | the notes, or in | ı the report of com |
| You must check the applicable box for each item below: ☐ yes ☐ no ☐ Certain component units/funds/agencies of the local ☐ yes ☐ no ☐ There are accumulated deficits in one or more of this ☐ yes ☐ no ☐ There are instances of non-compliance with the Unif ☐ yes ☐ no ☐ 4. The local unit has violated the conditions of either an order issued under the Emergency Municipal Loan A | unit's unreserved fund balance: form Accounting and Budgeting order issued under the Municipa | s/retained earr a Act (P.A. 2 of | nings (P.A. 275 of f 1968, as amend |
| yes ⊠ no 5. The local unit holds deposits/investments which do n [MCL 129.91] or P.A. 55 of 1982, as amended [MCL | not comply with statutory require | ements. (P.A. 2 | 20 of 1943, as am |
| yes ⊠ no The local unit has been delinquent in distributing tax yes ⊠ no The local unit has violated the Constitutional requirem (normal costs) in the current year. If the plan is mo | revenues that were collected f ment (Article 9, Section 24) to fur ore than 100% funded and the | nd current year | earned pension b |
| normal cost requirement, no contributions are due (p yes ⊠ no 8. The local unit uses credit cards and has not adopted yes ⊠ no 9. The local unit has not adopted an investment policy | l an applicable policy as require | | |
| We have enclosed the following: | Enclosed | To Be Forward | |
| The letter of comments and recommendations. | \boxtimes | | |
| Reports on individual federal assistance programs (program audits). | | | |
| Single Audit Reports (ASLGU). | | | |
| Certified Public Accountant (Firm Name): PLANTE & MOI | RAN, PLLC | | |
| Street Address 27400 Northwestern Highway | City Southfield | State MI | ZIP 48034 |
| Accountant Signature | | | |

Financial Report
with Supplemental Information
June 30, 2004



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27400 Northwestern Highway P.O. Box 307 Southfield, MI 48037-0307 Tel: 248.352.2500 Fax: 248.352.0018 blantemoran.com

Independent Auditor's Report

To the Board of Trustees
General Retirement System
of the City of Detroit and
The Board of Trustees
Policemen and Firemen Retirement
System of the City of Detroit

We have audited the accompanying statement of plan net assets of the Retirement Systems of the City of Detroit as of June 30, 2004 and the related statement of changes in plan net assets for the year then ended. These financial statements are the responsibility of the Systems' management. Our responsibility is to express an opinion on these financial statements based on our audit. The prior year summarized comparative information has been derived from the Systems' 2003 financial statements and, in our report dated October 3, 2003, we expressed an unqualified opinion on those financial statements.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Retirement Systems of the City of Detroit as of June 30, 2004 and the results of its operations for the year then ended, in conformity with accounting principles generally accepted in the United States of America.

The management's discussion and analysis and required supplemental information (identified in the table of contents) are not a required part of the basic financial statements but are supplemental information required by the Governmental Accounting Standards Board. We have applied certain limited procedures, which consisted principally of inquiries of management, regarding the methods of measurement and presentation of the required supplemental information. However, we did not audit the information and express no opinion on it.



To the Board of Trustees
General Retirement System
of the City of Detroit and
The Board of Trustees
Policemen and Firemen Retirement
System of the City of Detroit

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Retirement Systems of the City of Detroit's basic financial statements. The accompanying other supplemental information as identified in the table of contents is presented for the purpose of additional analysis and is not a required part of the basic financial statements. The statements included in other supplemental information have been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, are fairly stated in all material respects in relation to the basic financial statements taken as a whole.

Plante & Moran, PLLC

October 8, 2004

Management's Discussion and Analysis

Using this Annual Report

This annual report consists of three parts: (I) management's discussion and analysis (this section), (2) the basic financial statements, and (3) required additional information. The financial statements also include notes that explain some of the information in the financial statements and provide more detailed data. The statements are followed by a section of required additional information that further explains and supports the information in the financial statements.

Condensed Financial Information

The table below compares key financial information in a condensed format between the current year and the prior year:

General Retirement System

| | Fiscal Year Ended | | |
|---|---------------------------------|------------------------|--|
| | June 30, 2004 | June 30, 2003 | |
| Total assets Total liabilities | \$ 2,894,485,068 372,988,054 | | |
| Assets held in trust for pension benefits | \$ 2,521,497,014 | \$ 2,323,824,214 | |
| Net investment income | \$ 336,583,04 | 81,733,380 | |
| Contributions: | | | |
| Employee | 24,290,278 | 3 25,046,453 | |
| Employer | 95,876,076 | 72,859,246 | |
| Total contributions | 120,166,354 | 97,905,699 | |
| Benefits paid to members and retirees: | | | |
| Retiree pension and annuity benefits | 156,921,199 | 9 151,158,815 | |
| Member annuity refunds and withdrawals | 98,292,960 | 90,883,100 | |
| Total benefits paid | 255,214,159 | 242,041,915 | |
| Benefits paid in excess of contributions | 135,047,80 | 144,136,216 | |
| Ratio of benefits paid to contributions | 2. | 2.5 | |
| Other expenses | 3,862,436 | 3,769,641 | |
| Net increase (decrease) in net assets | \$ 197,672,800 | <u>\$ (66,172,477)</u> | |



Management's Discussion and Analysis (Continued)

Policemen and Firemen Retirement System

| | Fiscal Year Ended | | | nded | |
|---|-------------------|------------------------------|-----------|-----------------------------|--|
| | June 30, 2004 | | | June 30, 2003 | |
| Total assets Total liabilities | \$ | 3,818,936,551 696,416,534 | \$ | 2,972,014,380 93,749,435 | |
| Assets held in trust for pension benefits | <u>\$</u> | 3,122,520,017 | <u>\$</u> | 2,878,264,945 | |
| Net investment income | \$ | 415,701,183 | \$ | 78,568,683 | |
| Contributions: | | | | | |
| Employee | | 10,318,299 | | 10,143,949 | |
| Employer | | 69,475,202 | | 66,843,029 | |
| Total contributions | | 79,793,501 | | 76,986,978 | |
| Benefits paid to members and retirees: | | | | | |
| Retiree pension and annuity benefits | | 200,381,990 | | 190,516,952 | |
| Member annuity refunds and withdrawals | | 47,129,942 | | 72,193,984 | |
| Total benefits paid | | 247,511,932 | | 262,710,936 | |
| Benefits paid in excess of contributions | | 167,718,431 | | 185,723,958 | |
| Ratio of benefits paid to contributions | | 3.1 | | 3.4 | |
| Other expenses | 3,727,680 3,48 | | 3,486,770 | | |
| Net increase (decrease) in net assets | \$ | 244,255,072 | \$ | (110,642,045) | |

Overall Fund Structure and Objectives

Both the General Retirement System (GRS) and the Policemen and Firemen Retirement System (PFRS) exist to pay benefits to their members and retirees. Active members earn service credit that entitles them to receive benefits in the future. Benefits currently being paid are significantly greater than contributions currently being received. The excess of benefits over contributions must be funded through investment income. The public capital markets represent the primary source of investment income.



Management's Discussion and Analysis (Continued)

Asset Allocation

Both the GRS and PFRS have established asset allocation policies, which are expected to deliver more than enough investment income over a very long period of time to satisfy the obligations to pay the benefits promised to the members of the Retirement Systems of the City of Detroit (the "Systems"). The following is a summary of the asset allocation as of June 30, 2004:

| | GRS | PFRS | |
|-------------------------|-----|------|--|
| | | | |
| Equities | 56% | 60% | |
| Fixed income | 27% | 28% | |
| Real estate | 10% | 7% | |
| Alternative investments | 7% | 5% | |

Investment Results

This past year saw a sharp reversal of the disappointing investment results of the prior three years. The stock market, as measured by the S&P 500 index, was up 19.1 percent versus returns of 0.3 percent, -18 percent and -14.8 percent, for 2003, 2002, and 2001, respectively. The fixed income markets, as measured by the Lehman Aggregate Bond Index, returned 0.3 percent after having posted strong gains in each of the prior three years. Performance of fixed income investments was negatively impacted by a series of interest rate hikes imposed by the Federal Reserve throughout the current year.

The overall portfolio returns achieved by the GRS and PFRS were well above the actuarially assumed rate for each of the systems during the current year, owing primarily to the strong returns from equities and a bias of the asset allocation of each of the systems toward equities. However, on a trailing three-and five-year basis, both of the systems earned an overall portfolio return below their actuarially assumed rate.

This year's total fund investment return is particularly encouraging, as is the outlook for future investment returns. Returns achieved in the public capital markets are highly dependent upon the health of the economy, both in the United States as well as in other countries. Management believes that the outlook for continued global economic growth is good in both the short and long run.

The asset allocation of each fund is built upon the foundation that the obligations of the Systems to pay the benefits promised to members and retirees are very long-term obligations. Accordingly, each Board of Trustees must make investment decisions that it believes will be the most beneficial to the retirement system over many years, not just one or two years. For the trailing ten (10) and fifteen (15) year periods, each of the Systems has achieved a total portfolio return in excess of its actuarially assumed investment return.



| | General Retirement System | | | |
|---|----------------------------|----------------------------|--|--|
| | 2004 | 2003 | | |
| | | | | |
| Assets | | | | |
| Cash (Note 3) | \$ 8,051,609 | \$ - | | |
| Investments - At fair value (Note 3) | 2,554,004,072 | 2,336,018,795 | | |
| Accrued investment income | 8,411,293 | 8,326,932 | | |
| Contributions receivable | 7,651,467 | 8,447,812 | | |
| Receivables from investment sales | 76,350,780 | 50,147,570 | | |
| Other accounts receivable | 688,729 | 1,077,197 | | |
| Capital assets (Note 1) | 569,142 | 598,933 | | |
| Cash and investments held as collateral for | | | | |
| securities lending (Note 3) | 238,757,976 | 140,498,910 | | |
| Total assets | 2,894,485,068 | 2,545,116,149 | | |
| Liabilities | | | | |
| Bank overdraft (Note 3) | - | 1,665,263 | | |
| Payables for investment purchases | 99,488,967 | 44,738,382 | | |
| Claims payable to retirees and beneficiaries | 6,473,803 | 4,551,486 | | |
| Due to City of Detroit | 1,672,755 | 1,608,667 | | |
| Other liabilities | 26,594,553 | 28,229,227 | | |
| Amounts due broker under securities lending | | | | |
| agreement (Note 3) | 238,757,976 | 140,498,910 | | |
| Total liabilities | 372,988,054 | 221,291,935 | | |
| Net Assets Held in Trust for Pension Benefits (a schedule of analysis of funding progress is presented in the additional information) | \$ 2,521,497,014 | \$ 2,323,824,214 | | |
| presented in the additional information) | Ψ 2,321,471,U14 | Ψ 2,323,024,214 | | |

Statement of Plan Net Assets June 30, 2004 (with comparative totals for June 30, 2003)

Policemen and Firemen

| Retirement System | | | |
|-------------------|----|-----------------|--|
| 2004 | | 2003 | |
| | | | |
| \$ 1,259,681 | \$ | 1,625,974 | |
| 3,055,424,485 | | 2,814,323,022 | |
| 17,039,456 | | 17,326,211 | |
| 69,475,202 | | 66,843,029 | |
| 23,507,318 | | 70,707,206 | |
| 614,796 | | 590,005 | |
| 569,142 | | 598,933 | |
| 651,046,471 | | - _ | |
| 3,818,936,551 | | 2,972,014,380 | |
| - 33,788,157 | | - 85,533,471 | |
| 5,669,853 | | 4,245,327 | |
| 19,000 | | 19,000 | |
| 5,893,053 | | 3,951,637 | |
| 651,046,471 | | - | |
| 696,416,534 | | 93,749,435 | |
| | | | |

\$ 3,122,520,017 \$ 2,878,264,945



| | General Retirement System | | | |
|--|---------------------------|---------------|-------------|---------------|
| | | 2004 | | 2003 |
| Additions | | | | |
| Investment income (loss): | | | | |
| Interest and dividend income | \$ | 108,803,078 | \$ | 105,272,178 |
| Net appreciation (depreciation) in fair value | | 237,895,378 | | (17,140,820) |
| Investment expense | | (11,496,468) | | (8,345,720) |
| Other income | | 1,381,053 | | 1,947,742 |
| Net investment income | | 336,583,041 | | 81,733,380 |
| Contributions: | | | | |
| Employee | | 24,290,278 | | 25,046,453 |
| Employer | | 95,876,076 | | 72,859,246 |
| Total additions | | 456,749,395 | | 179,639,079 |
| Deductions | | | | |
| Retirees' pension and annuity benefits | | 156,921,199 | | 151,158,815 |
| Member refunds and withdrawals | | 98,292,960 | | 90,883,100 |
| General and administrative expenses | | 3,763,356 | | 3,487,593 |
| Loss on disposal of capital assets | | - | | 162,015 |
| Depreciation expense | | 99,080 | | 120,033 |
| Total deductions | | 259,076,595 | | 245,811,556 |
| Net Increase (Decrease) in Net Assets Held in Trust for Pension Benefits | | 197,672,800 | | (66,172,477) |
| Net Assets Held in Trust for Pension Benefits - | | | | |
| Beginning of year | | 2,323,824,214 | | 2,389,996,691 |
| Net Assets Held in Trust for Pension Benefits - End of year | <u>\$ 2</u> | ,521,497,014 | <u>\$ 2</u> | ,323,824,214 |

Statement of Changes in Plan Net Assets Year Ended June 30, 2004 (with comparative totals for the year ended June 30, 2003)

Policemen and Firemen

| Retirement System | | | | | |
|-------------------|---------------|-------------|---------------|--|--|
| | 2004 | 2003 | | | |
| | | | | | |
| \$ | 108,037,206 | \$ | 113,703,878 | | |
| | 317,767,620 | | (28,227,412) | | |
| | (12,379,319) | | (10,424,790) | | |
| | 2,275,676 | | 3,517,007 | | |
| | 415,701,183 | | 78,568,683 | | |
| | 10,318,299 | | 10,143,949 | | |
| | 69,475,202 | | 66,843,029 | | |
| | 495,494,684 | | 155,555,661 | | |
| | 200,381,990 | | 190,516,952 | | |
| | 47,129,942 | | 72,193,984 | | |
| | 3,628,600 | | 3,204,722 | | |
| | - | | 162,015 | | |
| | 99,080 | | 120,033 | | |
| | 251,239,612 | | 266,197,706 | | |
| | 244,255,072 | | (110,642,045) | | |
| | 2,878,264,945 | _ | 2,988,906,990 | | |
| \$: | 3,122,520,017 | \$ 2 | 2,878,264,945 | | |



Notes to Financial Statements
June 30, 2004

Note I - Summary of Significant Accounting Policies

The City of Detroit (the "City") sponsors the Retirement Systems of the City of Detroit (the "Systems"), contributory single employer retirement plans, which consist of the General Retirement System (GRS) and the Policemen and Firemen Retirement System (PFRS). Each system, which is administered by the respective retirement system's Board of Trustees, is composed of a defined benefit plan and a defined contribution plan. The plans provide retirement, disability, and survivor benefits to plan members and beneficiaries.

The General Retirement System and the Policemen and Firemen Retirement System are separate and independent trusts qualified under applicable provisions of the Internal Revenue Code, and are independent entities (separate and distinct from the employer/plan sponsor) as required by (I) State law and (2) Internal Revenue Code provisions setting forth qualified plan status. The trustees of the plans have fiduciary obligations and legal liability for any violations of fiduciary duties as independent trustees.

Reporting Entity - The financial statements of the Systems are also included in the combined financial statements of the City of Detroit as Pension Trust Funds. The assets of the Pension Trust Funds include no securities of or loans to the City or any other related party.

Basis of Accounting - The Retirement Systems of the City of Detroit's financial statements are prepared using the accrual basis of accounting. Plan member contributions are recognized in the period in which the contributions are due. Employer contributions are recognized when due and the employer has made a formal commitment to provide the contributions. Benefits and refunds are recognized when due and payable in accordance with the terms of the plan.

Methods Used to Value Investments - Investments are reported at fair value. Short-term investments are reported at cost, which approximates fair value. Securities traded on a national or international exchange are valued at the last reported sales price at current exchange rates. Mortgages are valued on the basis of future principal and interest payments. The fair value of real estate investments is based on independent appraisals. Investments that do not have an established market are reported at estimated fair value.

As part of its overall investment strategy, the Systems occasionally invest in start-up ventures. In some instances, these ventures do not result in viable business enterprises, at which time the Systems will incur a loss. As of June 30, 2004, the Systems are involved in start-up ventures totaling approximately \$40,800,000.



Notes to Financial Statements
June 30, 2004

Note 2 - Plan Description and Contribution Information

Capital Assets - Capital assets for the Systems represent office equipment and furniture. Depreciation expense is calculated by allocating the net cost of the assets over their estimated useful lives.

At June 30, 2004, the membership of the defined benefit plans and the defined contribution plans consisted of the following:

| | Defin | ied | Defined | |
|---|---------|-------|------------|----------|
| _ | Benefit | Plans | Contributi | on Plans |
| _ | GRS | PFRS | GRS | PFRS |
| Retirees and beneficiaries | 11 222 | 0 405 | 1.540 | 1 410 |
| receiving pension benefits Terminated plan members | 11,332 | 8,695 | 1,562 | 1,419 |
| entitled to but not yet | | | | |
| receiving benefits | 1,547 | 33 | 165 | 5 |
| Active plan members | 12,312 | 5,177 | 11,025 | 4,760 |

Plan Description - The Systems provide retirement benefits, as well as survivor and disability benefits. Employees may receive cost of living adjustments as a percentage of their base amount, pursuant to the collective bargaining agreement in effect at their date of retirement. The obligation to contribute to and maintain the System was established by City Charter and negotiation with the employees' collective bargaining units.

Contributions - The City's policy is to fund normal costs and amortization of prior service costs. The City is required to contribute at an actuarially determined rate. Administrative costs are financed through investment earnings. The contribution rate for 2003-2004 was .74 percent to 27.34 percent of active annual payroll for the GRS (depending on bargaining unit) and 27.68 percent of active annual payroll for the PFRS. Contributions from the employer for the year ended June 30, 2004 totaled \$95,876,076 and \$69,475,202 for the GRS and PFRS, respectively.

Employee contributions for annuity savings are as follows:

- General Retirement System: Employees may also elect to contribute (a) 0 percent, (b) 3 percent of annual compensation up to the Social Security wage base and 5 percent of any excess over that, (c) 5 percent, or (d) 7 percent.
- Policemen and Firemen Retirement System: Mandatory contributions are 5 percent of base compensation until eligibility for retirement is reached.



Notes to Financial Statements June 30, 2004

Note 2 - Plan Description and Contribution Information (Continued)

Contributions from employees during the year ended June 30, 2004 totaled \$24,290,278 and \$10,318,299 for the GRS and PFRS, respectively.

The contribution requirements of plan members and the City of Detroit are established and may be amended by the Boards of Trustees in accordance with the City Charter, union contracts, and plan provisions.

Note 3 - Deposits and Investments

Deposits - At year end, total bank balances were comprised of \$8,051,609 and \$1,259,681 for the GRS and PFRS, respectively, without recognition of deposits in transit or outstanding checks. Of the bank balances, approximately \$113,000 and \$94,000 for the GRS and PFRS, respectively, was covered by federal depository insurance.

Investments - The Systems are authorized by Michigan Public Acts to invest in U.S. bonds and notes, certain commercial paper, U.S. government repurchase agreements, bankers' acceptances and mutual funds, and investment pools that are composed of authorized investment vehicles, certain reverse repurchase agreements, stocks, diversified investment companies, annuity investment contracts, real estate leased to public entities, mortgages, debt or equity of certain small businesses, certain State and local government obligations, and certain other specified investment vehicles.

In accordance with Governmental Accounting Standards Board (GASB) Statement No. 3, the Systems' investments are categorized to give an indication of the level of custodial risk assumed by the Systems at June 30, 2004.

Investments are categorized into these three categories of credit risk:

Category I - Insured or registered, with securities held by the Systems or their agents in the Systems' name;

Category 2 - Uninsured and unregistered, with securities held by the counterparty's trust department or agent in the Systems' name; and

Category 3 - Uninsured and unregistered, with securities held by the counterparty or by its trust department or agent but not in the Systems' name.

Management believes that the investments of the Systems comply with the investment authority noted above.



Notes to Financial Statements June 30, 2004

Note 3 - Deposits and Investments (Continued)

The following is a description of the investments by type and category:

| Investment | Amount | Category |
|------------------------------------|----------------------------|----------|
| General Retirement System: | | |
| Short-term investments | \$ 82,198,405 | 2 |
| Stocks | 1,553,816,583 | 1 |
| Bonds | 300,707,194 | 1 |
| Mortgage-backed securities | 59,636,979 | 1 |
| Mortgage and construction loans | 133,005,232 | 1 |
| Equity interest in real estate | 77,971,839 | 1 |
| Pooled investments | 93,010,892 | N/A |
| Private placements | 253,656,948 | 2 |
| Total | \$ 2,554,004,072 | |
| Policemen and Firemen System: | | |
| Short-term investments | \$ 71, 444 ,467 | 2 |
| Stocks | 1,670,466,391 | I |
| Bonds | 608,197,193 | |
| Mortgage-backed securities | 65,910,437 | 1 |
| Mortgage and construction loans | 110,140,189 | I |
| Equity interest in real estate | 88,390,272 | 1 |
| Real estate investment trusts held | | |
| by custodian | 28,522,443 | 2 |
| Pooled investments | 363,858,019 | N/A |
| Private placements | 48,495,074 | 2 |
| Total | \$ 3,055,424,485 | |

Included in the Systems' investments at June 30, 2004 are the following:

• Approximately \$956,000 (GRS) and \$14,700,000 (PFRS) of securities issued by the Government National Mortgage Association (GNMA). These investments are backed by the full faith and credit of the U.S. government. The yields provided by these mortgage-related securities historically have exceeded the yields on other types of U.S. government securities with comparable maturities, in large measure due to the potential for prepayment. Prepayment could result in difficulty in reinvesting the prepaid amounts in investments with comparable yields.



Notes to Financial Statements June 30, 2004

Note 3 - Deposits and Investments (Continued)

• Approximately \$34,805,000 (GRS) and \$51,200,000 (PFRS) of obligations of the Federal National Mortgage Association and Federal Home Loan Mortgage Corporation. These investments are usually not backed by the full faith and credit of the U.S. government, but are generally considered to offer modest credit risks. The yields provided by these mortgage-related securities historically have exceeded the yields on other types of U.S. government securities with comparable maturities, in large measure due to the potential for prepayment. Prepayment could result in difficulty in reinvesting the prepaid amounts in investments with comparable yields.

As permitted by State statutes and under the provisions of a securities lending authorization agreement, the Systems lend securities to broker-dealers and banks for collateral that will be returned for the same securities in the future. The Systems' custodial bank manages the securities lending program and receives cash, government securities, or irrevocable bank letters of credit as collateral. The custodial banks do not have the ability to pledge or sell collateral securities unless the borrower defaults. Borrowers are required to deliver collateral for each loan equal to not less than 100 percent of the market value of the loaned securities.

The Systems did not impose any restrictions during the fiscal year on the amount of loans made on its behalf by the custodial bank. There were no failures by any borrowers to return loaned securities or pay distributions thereon during the fiscal year. Moreover, there were no losses during the fiscal year resulting from a default of the borrowers or custodial bank.

The Systems and the borrower maintain the right to terminate all securities lending transactions on demand. The cash collateral received on each loan was invested, together with the cash collateral of other lenders, in an investment pool. The average duration of this investment pool as of June 30, 2004 was 55 days. Because the loans are terminable on demand, their duration did not generally match the duration of the investments made with cash collateral. On June 30, 2004, the Systems had no credit risk exposure to borrowers. The collateral held and the fair market value of underlying securities on loan for the Systems as of June 30, 2004 were \$238,757,976 and \$232,701,006 for GRS, and \$651,046,471 and \$634,957,695 for PFRS, respectively.



Notes to Financial Statements June 30, 2004

Note 4 - Reserves

State law requires employee contributions to be segregated. In addition, amounts must be set aside as determined by the actuary to fund benefits to retirees currently approved to receive benefits. As of June 30, 2004, the Systems' reserves have been fully funded as follows:

| | GRS | PFRS |
|-------------------------------------|----------------|----------------|
| Reserved for employee contributions | \$ 693,216,709 | \$ 318,731,017 |
| Reserved for retired employees | 1,438,173,394 | 2,313,734,450 |

A statement of changes in plan net assets by reserve is included in the other supplemental information.



Required Supplemental Information



Required Supplemental Information Schedule of Analysis of Funding Progress

| Actuarial Valuation Date | Actuarial Value of Assets (a) | Actuarial Accrued Liability (AAL) (b) | Unfunded AAL (UAAL) (b-a) | Funded Ratio (a/b) | Covered Payroll (c) | UAAL as a Percentage of Covered Payroll ((b - a) / c) |
|--------------------------------|-------------------------------------|---------------------------------------|---------------------------------|--------------------------|---------------------------|---|
| General Reti | rement System: | | | | | |
| 06/30/98 | \$ 2,582,099,884 | \$ 2,814,878,226 | \$ 232,778,342 | 91.7 | \$ 387,022,423 | 60.1 |
| 06/30/99 | 2,756,614,458 | 2,900,404,223 | 143,789,765 | 95.0 | 383,449,421 | 37.5 |
| 06/30/00 | 2,902,433,063 | 3,077,001,129 | 174,568,066 | 94.3 | 417,187,666 | 41.8 |
| 06/30/01 | 2,912,146,389 | 3,179,601,214 | 267,454,825 | 91.6 | 439,636,072 | 60.8 |
| 06/30/02 | 2,761,203,680 | 3,276,591,209 | 515,387,529 | 84.3 | 440,680,045 | 117.0 |
| 06/30/03 | 2,537,668,376 | 3,270,627,177 | 732,958,801 | 77.6 | 448,579,064 | 163.4 |
| Policemen ar | nd Firemen Retireme | nt System: | | | | |
| 06/30/98 | 3,325,929,721 | 2,976,770,662 | (349,159,059) | 111.7 | 217,479,443 | _ |
| 06/30/99 | 3,668,362,979 | 3,274,050,127 | (394,312,852) | 112.0 | 216,049,687 | _ |
| 06/30/00 | 3,964,231,470 | 3,342,123,550 | (622,107,920) | 118.6 | 237,741,560 | - |
| 06/30/01 | 3,900,020,703 | 3,463,248,393 | (436,772,310) | 112.6 | 253,297,027 | - |
| 06/30/02 | 3,635,106,581 | 3,523,446,635 | (111,659,946) | 103.2 | 248,663,133 | _ |
| 06/30/03 | 3,205,516,657 | 3,721,593,210 | 516,076,553 | 86. l | 248,681,461 | 207.5 |



Required Supplemental Information Schedule of Employer Contributions

| G | ener | al Retirement | Syst | em | Policeme | n and | and Firemen Retirement System | | | | |
|---------------------------------------|------|---------------|-------------|----------------------|------------|-------|-------------------------------|-------------|-----|--|--|
| Year Ended Annual Required Percentage | | | | | Year Ended | d Anı | nual Required | Percentage | | | |
| June 30 Contribution | | | Contributed | June 30 Contribution | | | | Contributed | | | |
| | | | | | | | | | | | |
| 1998 | \$ | 52,707,172 | | 100 | 1998 | \$ | 48,120,578 | | 100 | | |
| 1999 | | 55,683,125 | | 100 | 1999 | | 15,709,799 | | 100 | | |
| 2000 | | 66,681,049 | | 100 | 2000 | | 19,972,058 | | 100 | | |
| 2001 | | 68,139,535 | | 100 | 2001 | | 14,443,382 | | 100 | | |
| 2002 | | 67,791,488 | | 100 | 2002 | | 8,449,645 | | 100 | | |
| 2003 | | 72,859,246 | | 100 | 2003 | | 66,843,029 | | 100 | | |
| 2004 | | 95,876,076 | * | 92 | 2004 | | 69,475,202 | * | _ | | |

The information presented above was determined as part of the actuarial valuations at the dates indicated. Additional information as of June 30, 2003, the latest actuarial valuation, follows:

| | General Retirement System | Policemen and Firemen Retirement System | | |
|-------------------------------|---------------------------|---|--|--|
| Valuation date | June 30, 2003 | June 30, 2003 | | |
| Actuarial cost method | Entry age | Entry age | | |
| Amortization method | Level percent | Level percent | | |
| Remaining amortization period | 15 years | 14 years | | |
| Asset valuation method | 3-year smoothed market | 3-year smoothed market | | |
| Actuarial assumptions: | | | | |
| Investment rate of return | 7.9% | 7.8% | | |
| Projected salary increases | 4.0%-9.5% | 5.8%-10.8% | | |
| Includes inflation at | 4.0% | 4.8% | | |
| Cost of living adjustments | 2.25% | 2.25% | | |

^{*} At June 30, 2004, \$7,651,467 and \$69,475,202 of the annual required contributions noted above were not received by the General Retirement System and the Policemen and Firemen Retirement System, respectively. Contributions receivable in the same amount have been recorded.



Other Supplemental Information



Description of Funds

Annuity Savings Fund - This fund represents cumulative required and voluntary contributions made by the active employees plus accumulated interest.

Annuity Reserve Fund - Transfers are made from the Annuity Savings Fund into the Annuity Reserve Fund when an employee retires, becomes disabled, or if a surviving spouse elects an annuity rather than a lump-sum payout of accumulated employee contributions.

Both annuity funds are referred to as defined contribution plans.

Market Stabilization Fund - This fund represents designations from the plans' investment income (loss) to be used to cushion the market value adjustments within the other funds. The Boards of Trustees authorized the creation of this fund, and the reserve amounts are calculated using a three-year average method.

Survivor Benefits Fund - This fund is used to accumulate the PFRS employee and City contributions for certain survivor benefits from which the related benefits are paid.

Pension Accumulation Fund - This fund represents accumulated City contributions to the pension system for the payment of pensions and other benefits to future retirees. Additionally, pre-employment military service credit contributions are captured in this fund.

Pension Reserve Fund - This fund represents funded pension benefits available for retired members and is funded by actuarially determined transfers from the Pension Accumulation Fund.



| | Annuity Reserves | | | |
|--|------------------|--------------|--------------|-----------|
| | | Annuity | Annuity | |
| | | Savings | Reserve | |
| | | Fund | Fund | |
| Additions | | | | |
| Net investment income (loss) | \$ | 47,520,167 | \$ 2,559,17 | 7 I |
| Contributions: | | | | |
| Employee | | 24,220,958 | - | • |
| Employer | | - | - | _ |
| Total additions - Net of investment loss | | 71,741,125 | 2,559,17 | 7 I |
| Deductions | | | | |
| Retirees' pension and annuity benefits | | - | 4,214,63 | 35 |
| General and administrative expenses | | - | - | • |
| Depreciation expense | | - | - | • |
| Loss on disposal of capital asset | | - | - | • |
| Member refunds and withdrawals | | 97,437,678 | | _ |
| Total deductions | | 97,437,678 | 4,214,63 | <u>35</u> |
| Net Additions (Deductions) - Before transfers | | (25,696,553) | (1,655,46 | 64) |
| Transfers - Net | | (4,528,397) | 5,432,97 | <u>74</u> |
| Net Increase (Decrease) in Net Assets Held in Trust for Pension Benefits | | (30,224,950) | 3,777,5 | 10 |
| Net Assets Held in Trust for Pension Benefits - Beginning of year | _ | 688,573,496 | 31,090,65 | <u>53</u> |
| Net Assets Held in Trust for Pension Benefits - End of year | \$ | 658,348,546 | \$ 34,868,16 | <u>53</u> |

Statement of Changes in Plan Net Assets General Retirement System Year Ended June 30, 2004 (with comparative totals for the year ended June 30, 2003)

| | | Pension Reserves | | | | | | | | |
|--------|---------------|------------------|--------------|------------|---------------|-----------------|-----|---------------|--|--|
| Market | | Pension | | Pension | | Total | | | | |
| | Stabilization | Α. | Accumulation | | Reserve | | ota | | | |
| | Fund | | Fund | | Fund | 2004 | | 2003 | | |
| \$ | 265,097,707 | \$ | (88,716,978) | \$ | 110,122,974 | \$ 336,583,041 | \$ | 81,733,380 | | |
| | - | | 69,320 | | - | 24,290,278 | | 25,046,453 | | |
| _ | _ | | 95,876,076 | | | 95,876,076 | _ | 72,859,246 | | |
| | 265,097,707 | | 7,228,418 | | 110,122,974 | 456,749,395 | | 179,639,079 | | |
| | _ | | _ | | 152,706,564 | 156,921,199 | | 151,158,815 | | |
| | - | | 3,763,356 | | - | 3,763,356 | | 3,487,593 | | |
| | _ | | 99,080 | | - | 99,080 | | 120,033 | | |
| | _ | | - | | _ | - | | 162,015 | | |
| | | | 855,282 | | | 98,292,960 | _ | 90,883,100 | | |
| | | | 4,717,718 | | 152,706,564 | 259,076,595 | _ | 245,811,556 | | |
| | 265,097,707 | | 2,510,700 | | (42,583,590) | 197,672,800 | | (66,172,477) | | |
| | | | (19,120,381) | | 18,215,804 | | _ | <u> </u> | | |
| | 265,097,707 | | (16,609,681) | | (24,367,786) | 197,672,800 | | (66,172,477) | | |
| _ | (213,844,162) | | 355,463,047 | | 1,462,541,180 | 2,323,824,214 | _ | 2,389,996,691 | | |
| \$ | 51,253,545 | \$ | 338,853,366 | <u>\$1</u> | ,438,173,394 | \$2,521,497,014 | 9 | 2,323,824,214 | | |



| | Annuity R | | | |
|--|---------------|--------------|----------------|--|
| | Annuity | Annuity | Market | |
| | Savings | Reserve | Stabilization | |
| | Fund | Fund | Fund | |
| Additions | | | | |
| Net investment income (loss) Contributions: | \$ - | \$ 1,095,695 | \$ 375,245,546 | |
| Employee | 10,329,195 | - | - | |
| Employer | <u> </u> | | | |
| Total additions - Net of investment | | | | |
| loss | 10,329,195 | 1,095,695 | 375,245,546 | |
| Deductions | | | | |
| Retirees' pension and annuity benefits | - | 945,420 | - | |
| General and administrative expenses | - | - | - | |
| Depreciation expense | - | - | - | |
| Loss on disposal of capital asset | - | - | - | |
| Member refunds and withdrawals | 47,129,942 | | | |
| Total deductions | 47,129,942 | 945,420 | | |
| Net Additions (Deductions) - Before transfers | (36,800,747) | 150,275 | 375,245,546 | |
| Transfers - Net | (1,191,839) | 531,819 | | |
| Net Increase (Decrease) in Net Assets Held in | | | | |
| Trust for Pension Benefits | (37,992,586) | 682,094 | 375,245,546 | |
| Net Assets Held in Trust for Pension Benefits - | 341,313,264 | 14,728,245 | (327,251,712) | |
| Beginning of year | J-11,J1J,ZUT | 17,720,273 | (321,231,112) | |
| Net Assets Held in Trust for Pension Benefits - End of year | \$303,320,678 | \$15,410,339 | \$ 47,993,834 | |
| , | | | | |

Statement of Changes in Plan Net Assets Policemen and Firemen Retirement System Year Ended June 30, 2004 (with comparative totals for the year ended June 30, 2003)

| Pension Reserves | | | | | | | | | | |
|----------------------|-------------|------------------|-------------|---------------|-------------|---------------|-----------|---------------|--|--|
| Survivor Pension Pen | | | | Pension | | | | | | |
| | Benefits | Accumulation | | Reserve | | To | otal | | | |
| | Fund | Fund | | Fund | | 2004 | | 2003 | | |
| \$ | 1,965,077 | \$ (137,096,529) | \$ | 174,491,394 | \$ | 415,701,183 | \$ | 78,568,683 | | |
| | - | (10,896) | | - | | 10,318,299 | | 10,143,949 | | |
| | | 69,475,202 | | | | 69,475,202 | _ | 66,843,029 | | |
| | 1,965,077 | (67,632,223) | | 174,491,394 | | 495,494,684 | | 155,555,661 | | |
| | 3,784,357 | - | | 195,652,213 | | 200,381,990 | | 190,516,952 | | |
| | - | 3,628,600 | | - | | 3,628,600 | | 3,204,722 | | |
| | - | 99,080 | | - | | 99,080 | | 120,033 | | |
| | - | - | | - | | - | | 162,015 | | |
| | | | | | | 47,129,942 | _ | 72,193,984 | | |
| | 3,784,357 | 3,727,680 | | 195,652,213 | | 251,239,612 | _ | 266,197,706 | | |
| | (1,819,280) | (71,359,903) | | (21,160,819) | | 244,255,072 | | (110,642,045) | | |
| | | 660,020 | | | | | _ | <u>-</u> | | |
| | (1,819,280) | (70,699,883) | | (21,160,819) | | 244,255,072 | | (110,642,045) | | |
| | 27,085,474 | 487,494,405 | | 2,334,895,269 | | 2,878,264,945 | | 2,988,906,990 | | |
| <u>\$ 2</u> | 25,266,194 | \$ 416,794,522 | <u>\$ 2</u> | 2,313,734,450 | \$: | 3,122,520,017 | <u>\$</u> | 2,878,264,945 | | |







27400 Northwestern Highway P.O. Box 307 Southfield, MI 48037-0307 Tel: 248.352.2500 Fax: 248.352.0018

plantemoran.com

October 8, 2004

To the Board of Trustees
General Retirement System of the
City of Detroit and
The Board of Trustees
Policemen and Firemen Retirement
System of the City of Detroit
908 Coleman A. Young Municipal Center
Detroit, Michigan 48226

Dear Board Members:

We recently completed the audits of the General Retirement System (GRS) and Policemen and Firemen Retirement System (PFRS) financial statements for the year ended June 30, 2004. We appreciate the assistance and hospitality provided to us by the Systems and the City throughout the audit.

As a result of our engagement, we offer the following comments for your consideration:

EMPLOYEE AND EMPLOYER CONTRIBUTIONS

During the year, despite the Systems' Information Technology (IT) Department new reports that provided some support for the contribution analysis, the following items remain an issue:

The Systems' IT department develops the Weekly Employee Gross Pay and Annuity Contribution report that lists contributions by revenue group and identifies employee name, contribution amount, and their applicable gross wage, which is used by the City to compute the employer contribution. When we used this report to test a sample of employee contributions into the system, there were no discrepancies. However, when using this same report to compute the annual employer contribution by revenue group, we were not able to agree to the City's contribution. Upon further inquiry, it was determined that the payroll registers used to compile the Report exclude manual adjustments made by the City. In addition, there is a delay by the City in transferring employees between revenue groups.

We advise the System to reconcile the employer contribution on a monthly basis to ensure that the annual contribution made by the City is proper. Additionally, by performing this reconciliation, the System would have access to payroll information that is later suppressed and not accessible at the end of the year. This is helpful in resolving issues related to revenue group coding or manual entries. Hence, performing these steps would provide the Systems with assurance that the correct contribution is being transferred into the Systems on a regular basis.



EMPLOYEE AND EMPLOYER CONTRIBUTIONS (CONTINUED)

 As mentioned last year, the employees of the General Retirement System can elect to contribute varying percentages of pay into the System. The signed election form completed by each employee should be maintained within that employee's personnel file. For several of the GRS employees that we tested, the City was unable to locate the election forms. Such documentation, along with documentation of other elective deferrals, should be maintained.

TRAVEL REIMBURSEMENT - RECORDKEEPING AND FILES

The Systems are responsible for reimbursing various expenses incurred by the Trustees as stated in the Board of Trustees Travel Policy and Regulations. To receive reimbursement, Trustees are required to complete a travel reimbursement request form and attach relevant receipts to support the request. This information, along with the reconciliation of the expenses and a copy of the travel reimbursement check, should be maintained in a file. With regard to the sample we selected for testing, we noted the following:

- Records for the GRS travel expenses were not maintained in a standardized format. There were several instances where documents to validate the expense were either missing from the files, misplaced or the files were missing. In addition, there were instances noted where an employee did not have proper Board approval for the travel expenses. We suggest the that the GRS develop a system to approve, organize, track and maintain the travel files to ensure documentation is not misplaced. Additionally, a periodic review of these files should be performed to ensure that they are complete.
- Currently, the Assistant Administrative Supervisor (AAS) for the GRS and the PFRS
 prepares the travel expense reconciliation and reviews the travel expenditures. We
 suggest that the reconciliation be prepared by another Retirement System employee and
 that the AAS only review the travel expense and reconciliation compiled by the other
 employee. Separating the responsibilities will maximize oversight, minimize errors and
 enhance the overall internal controls in this area.
- We noted in the GRS that there was a current year reimbursement for a conference that took place in 2001. However, the Systems travel policy stipulates that expenses must be turned in within 30 days. We suggest that the System follow its policy or document the reason for any exceptions.

INVESTMENTS FILES AND VALUATION

When reviewing investment activity, the following items came to our attention:

 The Systems use consultants on an ongoing basis for certain investments. Part of their duties include performing due diligence and managing the investments thereafter. However, for pooled and private placement investments, the Systems do not utilize



INVESTMENTS FILES AND VALUATION (CONTINUED)

consultants on a regular basis. Therefore, for these investments due diligence procedures are either performed by the Trustees or an outside firm is hired specifically to perform due diligence. During our audit of new investments, we noticed that there appear to be no formal policies or procedures that identify the due diligence procedures that were undertaken by either consultants, Trustees or outside firms. Additionally, we noted that it appears additional due diligence is lacking related to large additions to current investments or for those investments whereby the PFRS may currently hold an interest and the GRS has decided to invest at a later date (or vice versa). We encourage both Systems to develop formal due diligence policies and procedures that would encompass treatment for new investments, additions related to existing investments and credit worthiness measures. Additionally, a checklist should be used by the Trustees when they perform due diligence. This process should thoroughly document the reasons the System has decided to make a particular investment.

- The PFRS utilizes Mayfield Gentry Realty Advisors Inc. to manage a portion of the equity real estate investments. During the fiscal year, Mayfield Gentry made various distributions to PFRS. However, the distributions recorded in the Mayfield Gentry documentation could not be reconciled to inflows on the PFRS bank statements. Mayfield Gentry recorded larger distributions than those reflected by PFRS. Adequate documentation could not be obtained from Mayfield Gentry to explain the additional distributions. We recommend making continued inquiries to resolve monthly differences.
- During our testing of mortgage investments, we noted that several entities reduced the amount remitted to the Retirement Systems by various expenses. The Systems are recording the activity on this net basis. As a result, the Retirement Systems are not properly "grossing up" the revenue and expenses. We recommend accounting for the expense in independent revenue and expense accounts in order to properly reflect the gross activity.
- The Retirement Systems should strive to receive financial statements in a timely manner to monitor investments. During the audit, we noted that for some investments financial statements were not on file. They then had to be requested from individual entities as copies had not been received as a regular course of business. We suggest that the Systems request annual financial statements on a regular basis and review them in order to monitor what is recorded and ensure any differences or discrepancies are investigated.

OTHER ITEMS

During the audit, we also noted various issues related to controls within the Retirement Systems as follows:

 The Retirement Systems currently maintain all fixed assets in a Microsoft Access database. The database is not capable of computing depreciation or accumulated depreciation. As a result this calculation needs to be performed independent of the fixed asset system. Additionally, the Systems do not appear to have a minimum



OTHER ITEMS (CONTINUED)

- capitalization threshold, allowing for several small dollar items to be included in the fixed asset listing. We recommend establishing a capitalization threshold and obtaining a more sophisticated fixed asset system.
- During benefit testing, we noted that a new retiree received a board approval letter from the Board of Directors; however there was no sign off by the Executive Secretary on the approval as stipulated by the Systems policies. We recommend that the Systems ensure all approvals have the required signatures.
- During review of the GRS Private Placements, we noted there was no signature for the Finance Approval/Post line within the journal entry input form. We recommend reviewing forms for all required signatures.

We sincerely appreciate the opportunity to serve as your auditors. If you want to discuss any of the above mentioned items in more detail, please don't hesitate to call.

Very truly yours,

Beth A. Bialy
Beth A. Bialy

Undy N. Trumbull

Wendy N. Trumbull

